

Title (en)

Outer casing for a turbomachine fan conduit

Title (de)

Äußeres Gehäuse eines Fan-Laufrades in einer Strömungsmaschine

Title (fr)

Enveloppe externe de conduite de soufflante dans une turbomachine

Publication

EP 2022973 B1 20100512 (FR)

Application

EP 08159832 A 20080707

Priority

FR 0705455 A 20070726

Abstract (en)

[origin: EP2022973A1] The engine (10) has an external cylindrical cover (20) i.e. outer fan duct, mounted in downstream of an intermediate hood (16) and externally defining an annular space discharging a flow around the engine. The cover has a trellis framework (30) and detachable shielding plates (32) that are fixed at the framework. The framework has an upstream annular fixation plate (34) and a downstream annular connection plate (36) that are connected with each other by inclined and longitudinal rigid beams (42, 46). The rigid beam (42) is inclined with respect to axis (44).

IPC 8 full level

F02K 3/06 (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)

F01D 25/24 (2013.01 - EP US); **F02C 7/20** (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **F05D 2250/183** (2013.01 - EP US); **F05D 2250/231** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Cited by

FR2952126A1; CN102667072A; US9157334B2; WO2011098728A1; WO2012032270A1; WO2011054806A1; EP2534350B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 2022973 A1 20090211; **EP 2022973 B1 20100512**; CA 2637647 A1 20090126; CA 2637647 C 20140930; DE 602008001217 D1 20100624; FR 2919347 A1 20090130; FR 2919347 B1 20091120; JP 2009030604 A 20090212; RU 2008130816 A 20100127; RU 2462601 C2 20120927; US 2010047066 A1 20100225; US 8272203 B2 20120925

DOCDB simple family (application)

EP 08159832 A 20080707; CA 2637647 A 20080723; DE 602008001217 T 20080707; FR 0705455 A 20070726; JP 2008190512 A 20080724; RU 2008130816 A 20080725; US 17736908 A 20080722